

Title (en)

CONNECTION FAILURE REPORTING IN WIRELESS COMMUNICATION SYSTEMS

Title (de)

VERBINDUNGSFEHLERMELDUNG IN DRAHTLOSEN KOMMUNIKATIONSSYSTEMEN

Title (fr)

RAPPORT DE PANNE DE CONNEXION DANS DES SYSTEMES DE COMMUNICATION SANS FIL

Publication

**EP 1872610 A2 20080102 (EN)**

Application

**EP 06750835 A 20060419**

Priority

- US 2006014890 W 20060419
- US 67257705 P 20050419

Abstract (en)

[origin: WO2006113876A2] Embodiments disclosed herein relate to methods and systems for reporting and compiling connection failures in wireless communication systems. In an embodiment, when an access terminal experiences a connection failure (e.g., an unintended one), the access terminal may generate a connection failure record associated with the event, and send a message containing the connection failure record to an access network it has since established the connection. The access network may send a message containing a connection failure report acknowledgement (ACK) message to the access terminal, upon reception of the connection failure report message. The network operators may use the connection failure records thus compiled to identify problematic spots in the system and improve the quality of service.

IPC 8 full level

**H04W 24/00** (2009.01); **H04W 24/08** (2009.01); **H04W 24/04** (2009.01); **H04W 24/10** (2009.01); **H04W 88/02** (2009.01)

CPC (source: EP KR US)

**H04L 1/12** (2013.01 - KR); **H04L 12/28** (2013.01 - KR); **H04M 15/00** (2013.01 - EP US); **H04M 15/41** (2013.01 - EP US); **H04M 15/74** (2013.01 - EP US); **H04W 24/00** (2013.01 - EP US); **H04W 24/08** (2013.01 - EP US); **H04M 2215/0164** (2013.01 - EP US); **H04M 2215/709** (2013.01 - EP US); **H04W 24/04** (2013.01 - EP US); **H04W 24/10** (2013.01 - EP US); **H04W 88/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2006113876A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006113876 A2 20061026**; **WO 2006113876 A3 20061228**; CN 101194525 A 20080604; CN 101194525 B 20120321; CN 102595441 A 20120718; CN 102595441 B 20150715; EP 1872610 A2 20080102; EP 1872610 B1 20130403; EP 2582172 A1 20130417; JP 2008538489 A 20081023; JP 2011217399 A 20111027; JP 4819880 B2 20111124; KR 100957434 B1 20100511; KR 20080007599 A 20080122; TW 200706030 A 20070201; TW I330994 B 20100921; US 2006246888 A1 20061102; US 7822414 B2 20101026

DOCDB simple family (application)

**US 2006014890 W 20060419**; CN 200680020817 A 20060419; CN 201110421473 A 20060419; EP 06750835 A 20060419; EP 13150081 A 20060419; JP 2008507875 A 20060419; JP 2011138671 A 20110622; KR 20077026462 A 20060419; TW 95113961 A 20060419; US 40757106 A 20060419